

**KENTUCKY-AMERICAN WATER COMPANY
CASE NO. 2018-00358
COMMISSION STAFF'S SECOND REQUEST FOR INFORMATION**

Witness: Brent E. O'Neill

- 16.** Refer to the O'Neill Testimony, page 47. Provide all workpapers and calculations and state all assumptions that show how the proposed tap fees were calculated.

Response:

Please see attached.

CONFIDENTIAL INFORMATION REDACTED

Account 12002002 - 5/8" & 3/4" Meter Installations (Settings)

Year	Yearly Total (Material, Labor, Etc.)	Number Installed	Average Cost
2017	\$ 361,915.29	903	\$401
2016	\$ 291,389.67	876	\$333
2015	\$ 312,296.80	889	\$351
2014	\$221,309	444	\$498
2013	\$350,128	692	\$506
2012	\$526,180	839	\$627
Total	\$1,097,616		

Account 12005002 - 3/4" Svc Installations **Do not install

Year	Yearly Total (Material, Labor, Etc.)	Number Installed	Average Cost	Total Cost
2017				
2016				
2015				
2014		0	\$0	\$498
2013		0	\$0	\$506
2012		0	\$0	\$627
Total	\$0			

2012-2014	3 Year Average =	658	\$544
2015-2017	3 Year Average =	889	\$362
2013-2017	5 Year Average =	761	\$418

Average =	0	\$0	\$544
-----------	---	-----	-------

Account 12002102 - 1" Meter Installations

Year	Yearly Total (Material, Labor, Etc.)	Number Installed	Average Cost
2017	\$ 29,006	46	\$ 631
2016	\$ 40,506	74	\$ 547
2015	\$ 32,518	51	\$ 638
2014	\$ 18,527	36	\$ 515
2013	\$ 15,039	28	\$ 537
2012	\$ 35,232	29	\$ 1,215
Total	\$68,798		

Account 12005102 - 1" Service Installations

Year	Yearly Total (Material, Labor, Etc.)	Number Installed	Average Cost	Total Cost
2017	\$ 1,120,983	652	\$ 1,307	\$1,937
2016	\$ 817,472	680	\$ 1,202	\$1,750
2015	\$ 852,055	673	\$ 1,666	\$2,303
2014	\$ 473,909	444	\$ 1,067	\$1,582
2013	\$ 751,469	719	\$ 1,045	\$1,582
2012	\$ 763,127	460	\$ 1,659	\$2,874
Total	\$1,988,505			

2012-2014	3 Year Average =	31	\$756
2015-2017	3 Year Average =	57	\$583
2013-2017	5 Year Average =	47	\$573

2012-2014	3 Year Average =	541	\$1,257	\$2,013
2015-2017	3 Year Average =	668	\$1,392	\$1,974
2013-2017	5 Year Average =	634	\$1,257	

Account 12002302 - 2" Meter Installations

Year	Yearly Total (Material, Labor, Etc.)	Number Installed	Average Cost
2017	\$ 60,069	61	\$ 985
2016	\$ 33,965	42	\$ 809
2015	\$ 30,814	42	\$ 734
2014	\$ 17,632	35	\$ 840
2013	\$ 45,297	21	\$ 1,294
2012	\$ 57,354	23	\$ 2,494
Total	\$120,283		

Account 12005302 - 2" Service Installations

Year	Yearly Total (Material, Labor, Etc.)	Number Installed	Average Cost	Total Cost
2017	\$ 188,144	108	\$1,738	\$2,723
2016	\$ 71,752	42	\$1,708	\$2,517
2015	\$ 61,707	21	\$2,938	\$3,672
2014	\$ 50,084	21	\$2,385	\$3,225
2013	\$ 64,518	22	\$2,933	\$4,227
2012	\$ 38,719	24	\$1,613	\$4,107
Total	\$153,321			

2012-2014	3 Year Average =	26	\$1,542
2015-2017	3 Year Average =	48	\$842
2013-2017	5 Year Average =	40	\$932

2012-2014	3 Year Average =	22	\$2,310	\$3,853
2015-2017	3 Year Average =	57	\$2,128	\$2,971
2013-2017	5 Year Average =	43	\$2,340	

Residential Service Cost

	3/4" Service & Meter	Cost	3/4" Meter Dual	Cost	Total Residential Cost
2017	0	\$ 401	903	\$1,054	\$1,077
2016	0	\$ 333	876	\$934	\$982
2015	0	\$ 351	889	\$1,184	\$1,181
2014	0	\$ 498	444	\$1,032	\$1,078
2013	0	\$ 506	692	\$1,029	\$1,063
2012	0	\$ 627	839	\$1,457	\$1,395

1" Service
for Duals x 2

606	1212
606	1212
622	1244
408	816
691	1382
431	862

3 year	2012-2014	Average =	\$1,178
3 year	2015-2017	Average =	\$1,080
5 year	2013-2017	Average =	\$1,076

Tap fee:	3-yr avg	Rate case #		Total	Proposed Tap Fee	Previous Tap Fee	Increase	% Diff
		2012-2014	2015					
5/8" meter				\$1,280	\$1,280	\$1,078	\$202	18.76%
1" meter				\$2,201	\$2,201	\$1,516	\$685	45.21%
2" meter				\$4,238	\$4,238	\$3,563	\$675	18.93%

Tap fee:	3-yr avg	Rate case #		Total	Proposed Tap Fee	Previous Tap Fee	Increase/ Decrease	% Diff
		2015-2017	2018					
5/8" meter				\$1,223	\$1,223	\$1,280	(\$57)	-4.44%
1" meter				\$2,174	\$2,174	\$2,201	(\$28)	-1.26%
2" meter				\$4,002	\$4,002	\$4,238	(\$236)	-5.56%

Tap fee:	5-yr avg	Rate case #		Total	Proposed Tap Fee	Previous Tap Fee	Increase/ Decrease	% Diff
		2013-2017	2018					
5/8" meter				\$1,220	\$1,220	\$1,280	(\$61)	-4.74%
1" meter				\$2,030	\$2,030	\$2,201	(\$171)	-7.77%
2" meter				\$4,304	\$4,304	\$4,238	\$66	1.57%

2014 contract meter prices -

Size	Description	Meter Cost	MIU Cost	Subtotal	6% tax	Total
5/8" meter	5/8 x 3/4 VOGA 19492 ED2F11R7F8S788 - 1 T-					
1" meter	10 C/I 302 ED2J11R7F8S788 - 2 T-					
2" meter	10 OVAL					

2017 contract meter prices - Badger Meter Company 5/8" Meter & Neptune 1" Meter & Sensus 2" Meter

Size	Description	Meter Cost	MIU Cost	Subtotal	6% tax	Total
5/8" meter	5/8 x 3/4 VOGA 19492 ED2F11R7F8S788 - 1 T-					
1" meter	10 C/I 302 ED2J11R7F8S788 - 2 T-					
2" meter	10 OVAL					